

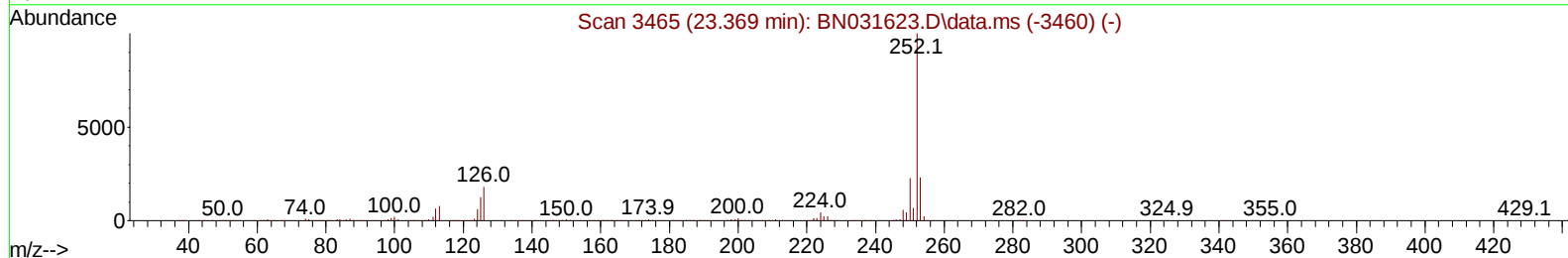
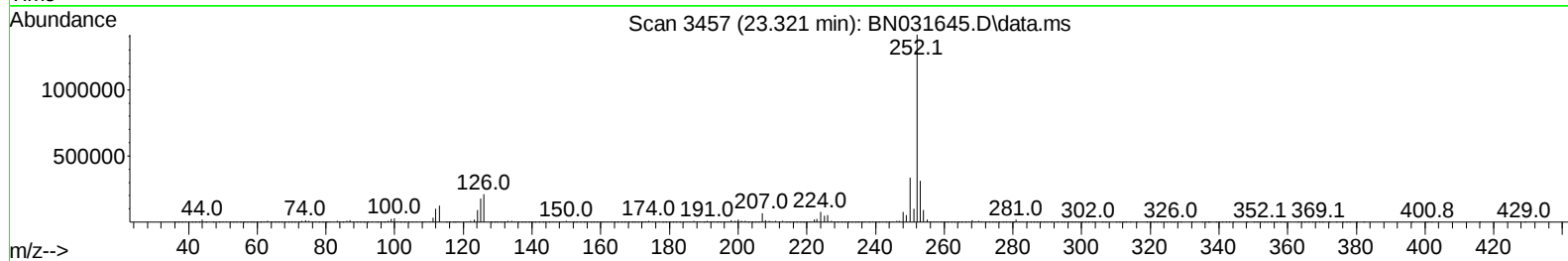
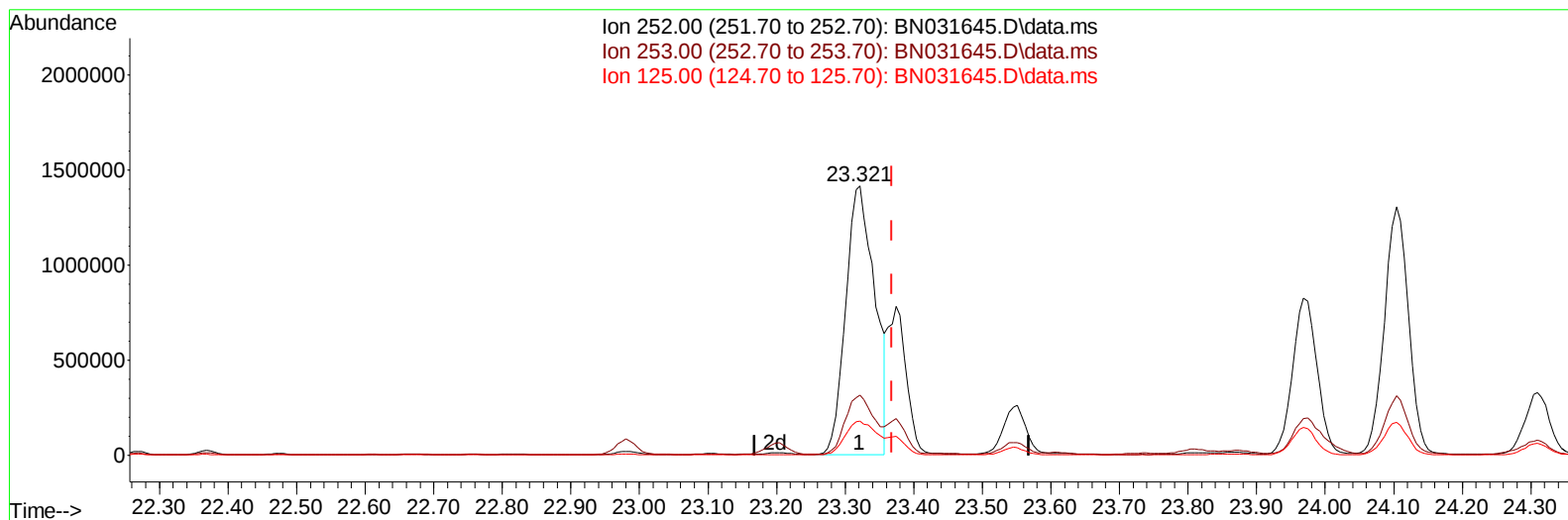
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052324\
Data File : BN031645.D
Acq On : 23 May 2024 23:30
Operator : MA/JU
Sample : P2547-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH5P0

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/25/2024

Quant Time: May 24 00:01:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 21 23:42:49 2024
Response via : Initial Calibration



TIC: BN031645.D\data.ms

(91) Benzo(k)fluoranthene**23.321min (-0.047) 45.80 ng/u1****response 4162555**

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.70	22.19
125.00	11.60	12.61
0.00	0.00	0.00

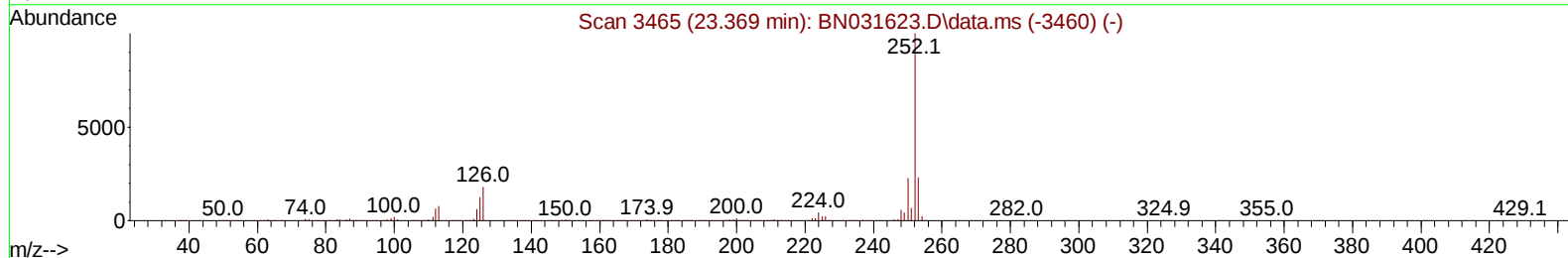
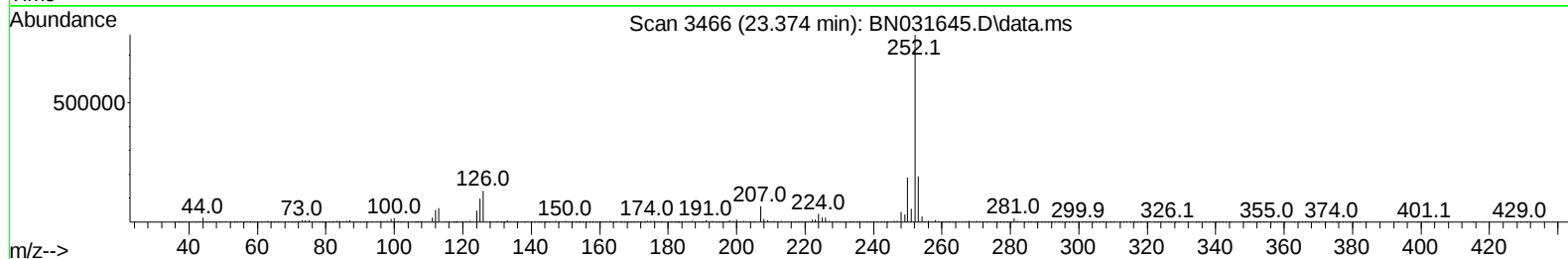
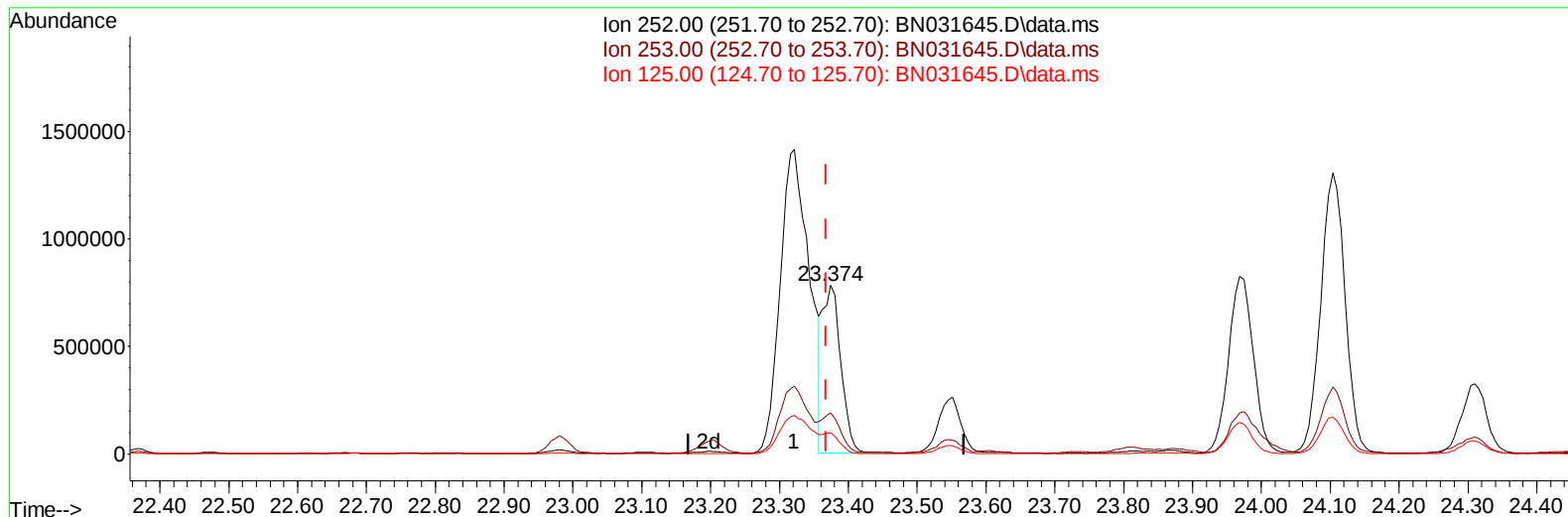
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Supervised By :mohammad ahmed 05/25/2024



TIC: BN031645.D\data.ms

(91) Benzo(k)fluoranthene

23.374min (+ 0.006) 15.80 ng/ul m

response 1436508

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.70	24.38
125.00	11.60	12.52
0.00	0.00	0.00

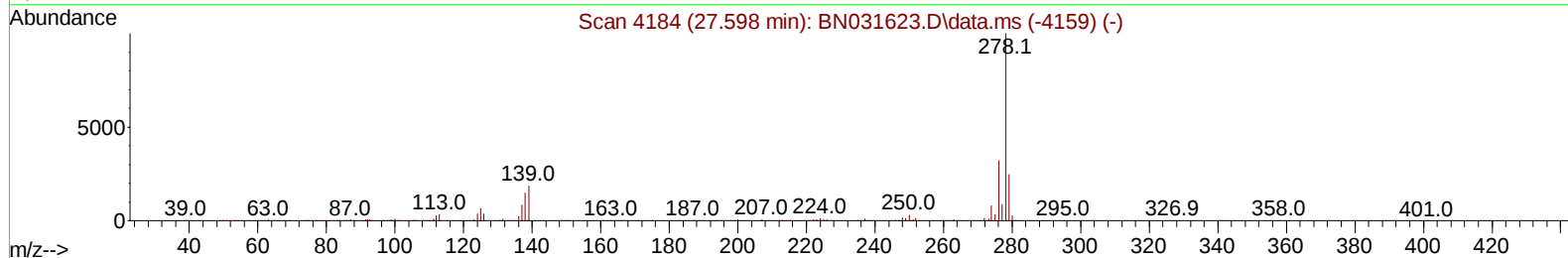
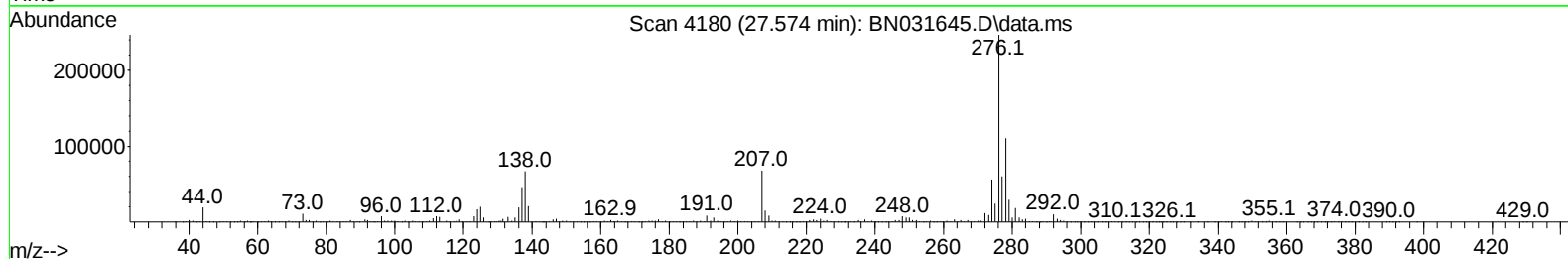
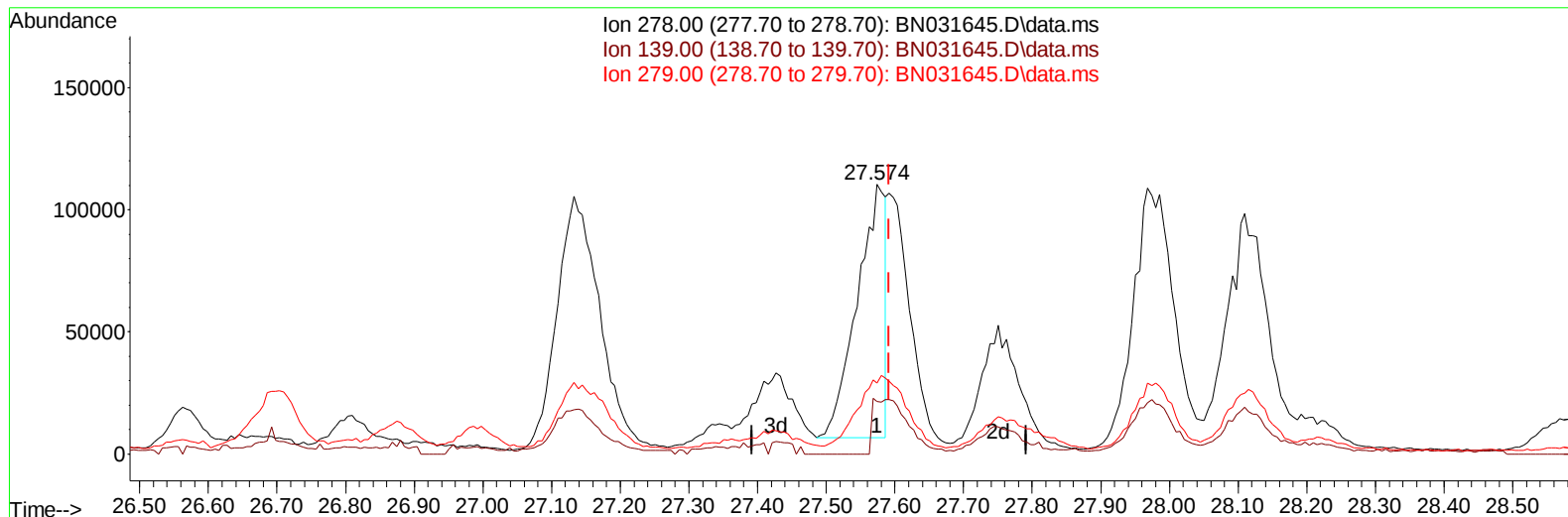
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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BH5P0

Manual IntegrationsAPPROVED

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TIC: BN031645.D\data.ms

(95) Dibenzo(a,h)anthracene

27.574min (-0.018) 3.50 ng/u1

response 296166

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	19.00	19.39
279.00	23.00	26.33
0.00	0.00	0.00

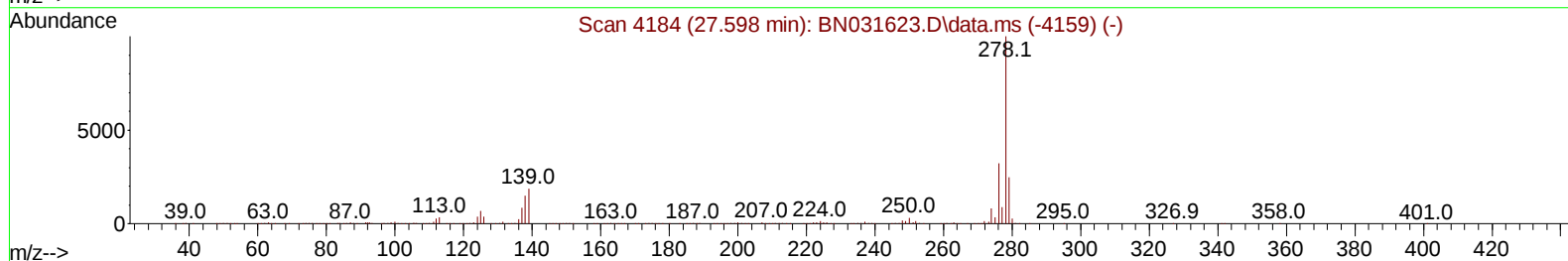
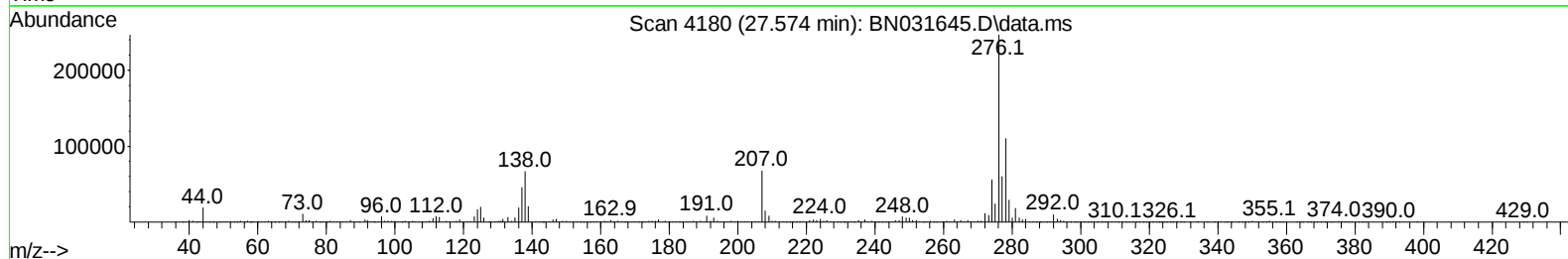
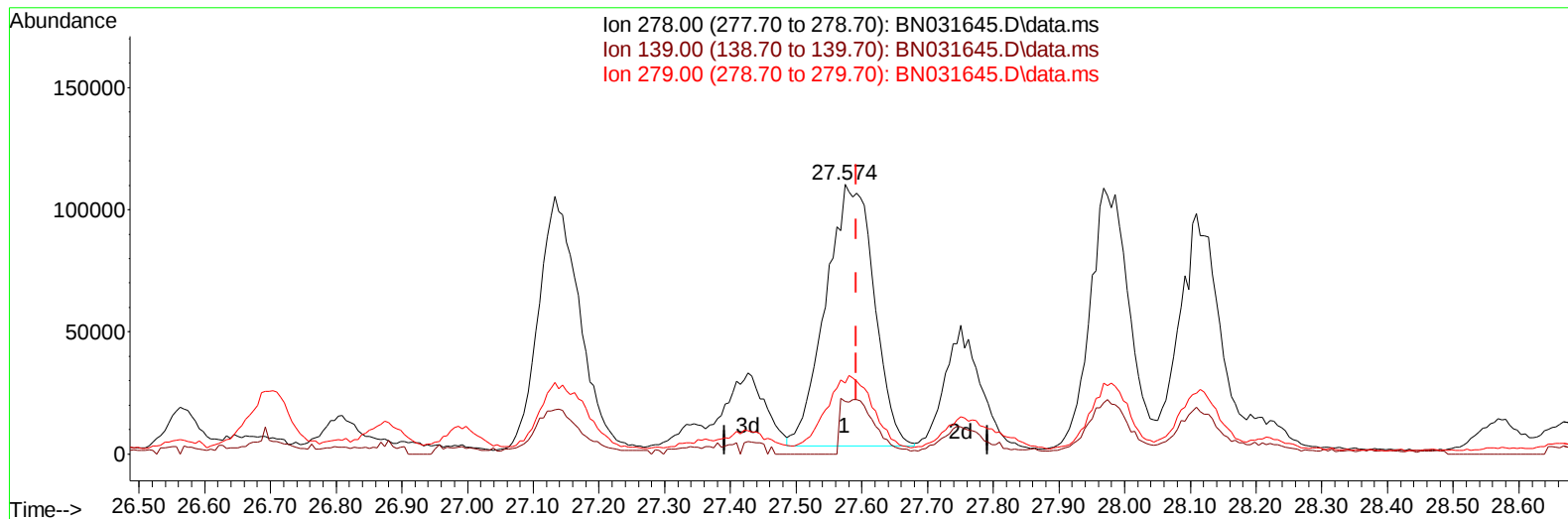
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Instrument :
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Supervised By :mohammad ahmed 05/25/2024



TIC: BN031645.D\data.ms

(95) Dibenzo(a,h)anthracene

27.574min (-0.018) 6.49 ng/u1 m

response 549510

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	19.00	19.39
279.00	23.00	26.33
0.00	0.00	0.00

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 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: May 24 00:03:43 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 21 23:42:49 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 05/24/2024
 Supervised By :mohammad ahmed 05/25/2024

Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.693	152		486431	20.000	ng/ul	0.00
20) Naphthalene-d8	10.475	136		1933704	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.328	164		972876	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.075	188		1526620	20.000	ng/ul	0.00
79) Chrysene-d12	21.304	240		1230425	20.000	ng/ul	0.00
88) Perylene-d12	24.239	264		1527929	20.000	ng/ul	0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.205	96		17637	1.437	ng/uL	0.00
4) Pyridine-d5	3.605	84		129468	3.780	ng/ul	0.00
7) Phenol-d5	6.852	99		295762	7.386	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.028	67		192964	8.035	ng/ul	0.00
11) 2-Chlorophenol-d4	7.222	132		247994	8.037	ng/ul	0.00
15) 4-Methylphenol-d8	8.387	113		180118	5.811	ng/ul	0.00
21) Nitrobenzene-d5	8.840	128		112598	7.694	ng/ul	0.00
24) 2-Nitrophenol-d4	9.557	143		102185	7.312	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.087	165		204959	7.501	ng/ul	0.00
31) 4-Chloroaniline-d4	10.610	131		168329	4.274	ng/ul	0.00
46) Dimethylphthalate-d6	13.740	166		550661	8.981	ng/ul	0.00
49) Acenaphthylene-d8	14.016	160		659507	8.582	ng/ul	0.00
54) 4-Nitrophenol-d4	14.522	143		44590	3.844	ng/ul	0.00
60) Fluorene-d10	15.322	176		444010	8.357	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.434	200		23681	3.588	ng/ul	0.00
73) Anthracene-d10	17.169	188		579972	8.974	ng/ul	0.00
81) Pyrene-d10	19.469	212		629449	8.156	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.039	264		682527	9.490	ng/ul	0.00
Target Compounds							
						Qvalue	
16) Acetophenone	8.505	105		53879	1.114	ng/ul	99
30) Naphthalene	10.522	128		173949	1.748	ng/ul	98
50) Acenaphthylene	14.045	152		207777	2.342	ng/ul	98
52) Acenaphthene	14.393	153		208884	3.634	ng/ul	93
56) Dibenzofuran	14.728	168		198960	2.593	ng/ul	98
61) Fluorene	15.375	166		242154	4.029	ng/ul	98
72) Phenanthrene	17.116	178		4779877	61.695	ng/ul	99
74) Anthracene	17.204	178		1044031	13.431	ng/ul	99
77) Carbazole	17.475	167		415001	6.256	ng/ul	99
80) Fluoranthene	19.133	202		6828520	71.580	ng/ul	99
82) Pyrene	19.498	202		6293003	64.324	ng/ul	98
85) Benzo(a)anthracene	21.286	228		3595915	43.460	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.222	149		87584	1.927	ng/ul	98
87) Chrysene	21.345	228		3242790	42.429	ng/ul	97
90) Benzo(b)fluoranthene	23.321	252		4162555	46.685	ng/ul	97
91) Benzo(k)fluoranthene	23.374	252		1436508m	15.805	ng/ul	
93) Benzo(a)pyrene	24.104	252		3207126	37.445	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	27.545	276		2108906	20.516	ng/ul	98
95) Dibenzo(a,h)anthracene	27.574	278		549510m	6.491	ng/ul	
96) Benzo(g,h,i)perylene	28.568	276		1998631	23.533	ng/ul	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :

BNA_N

ClientSampleId :

BH5P0

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/24/2024

Supervised By :mohammad ahmed 05/25/2024

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Manual IntegrationsAPPROVED

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